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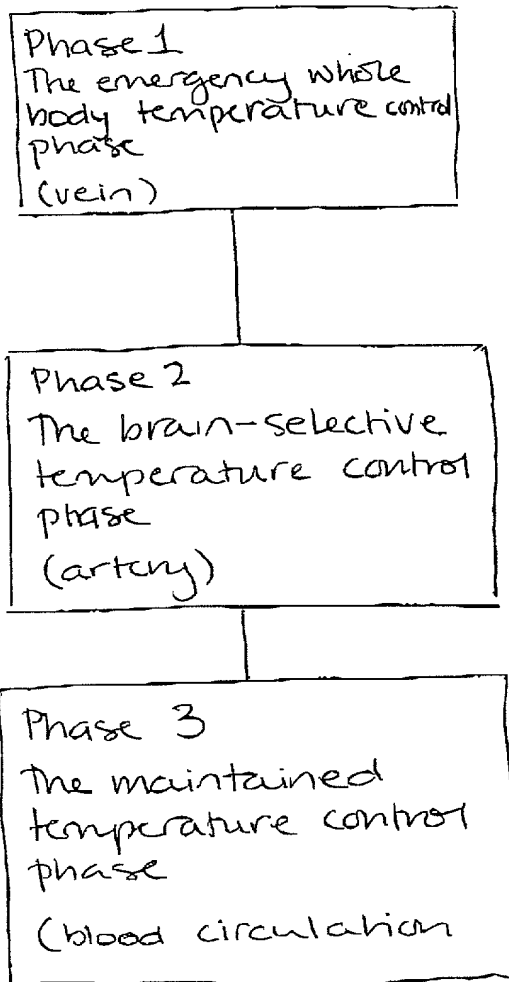


Fig. 1a

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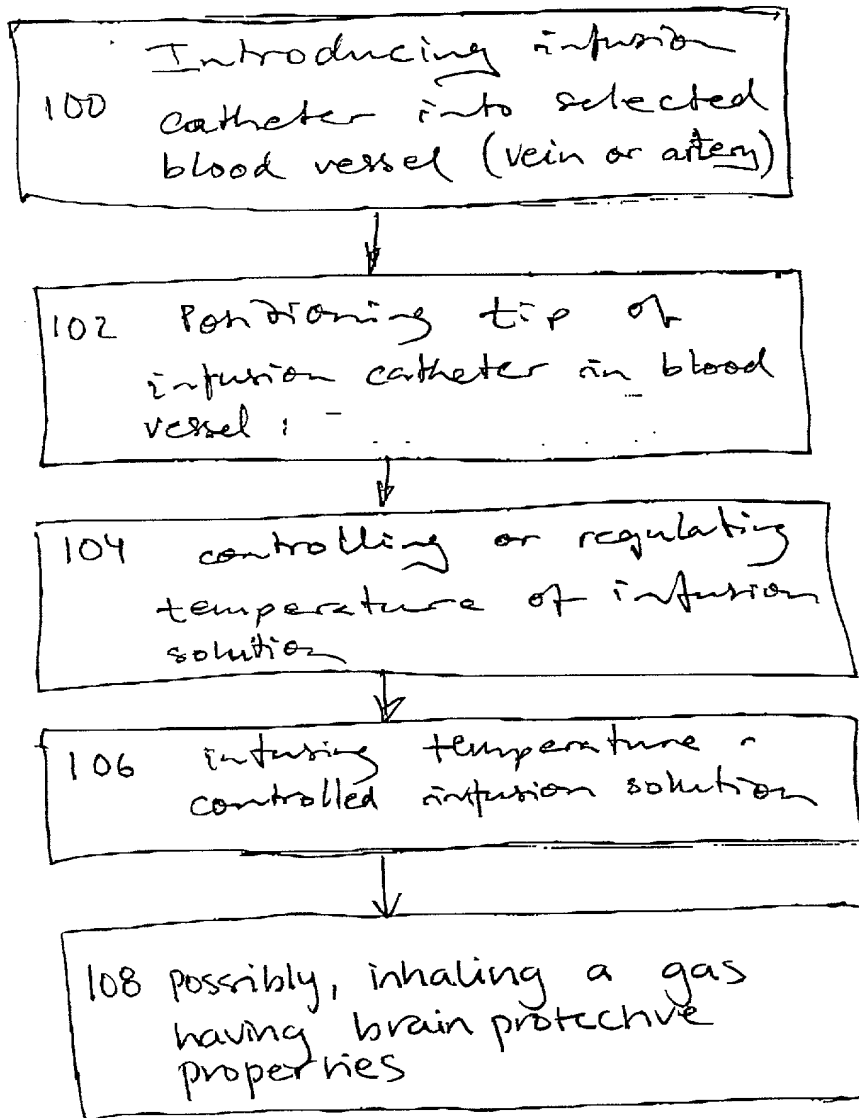


Fig 1b

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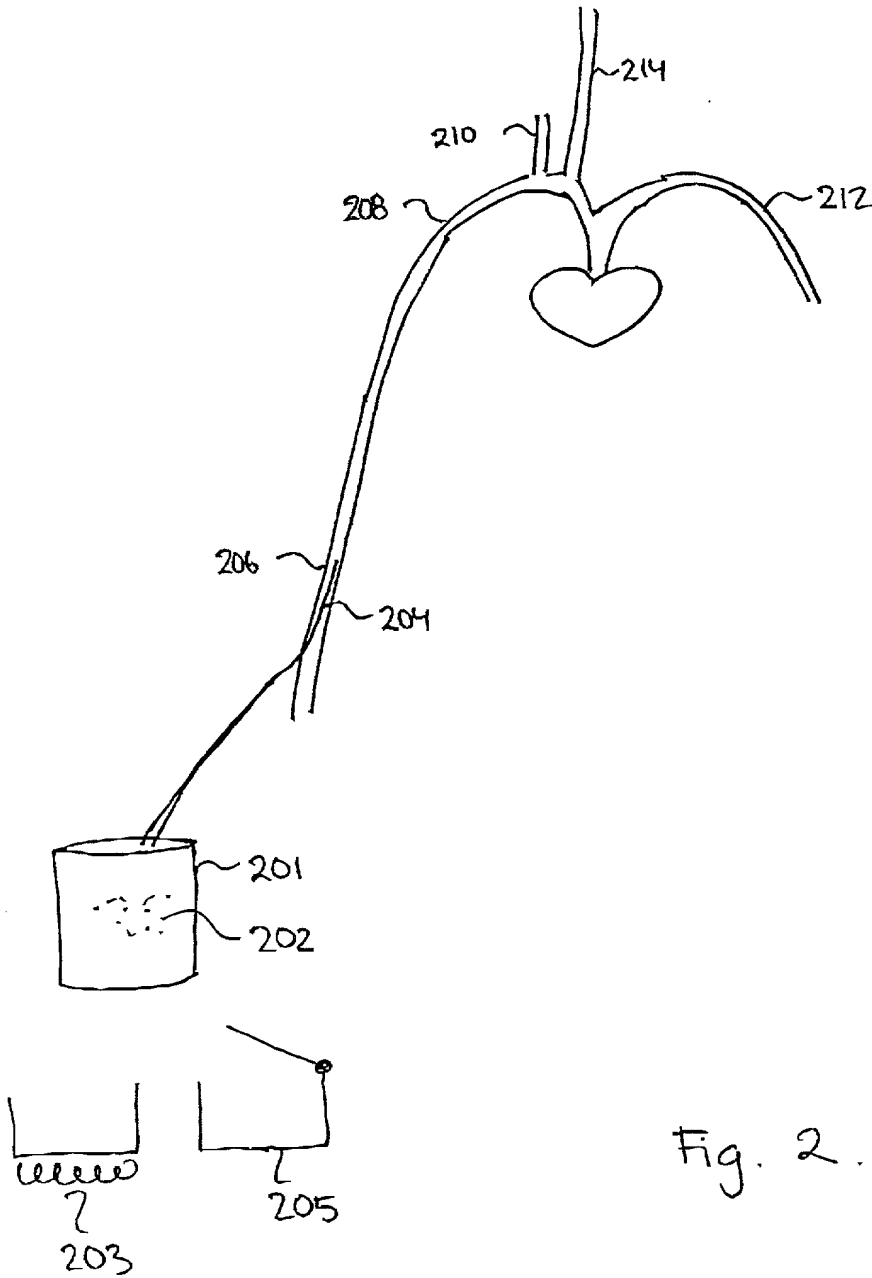


Fig. 2.

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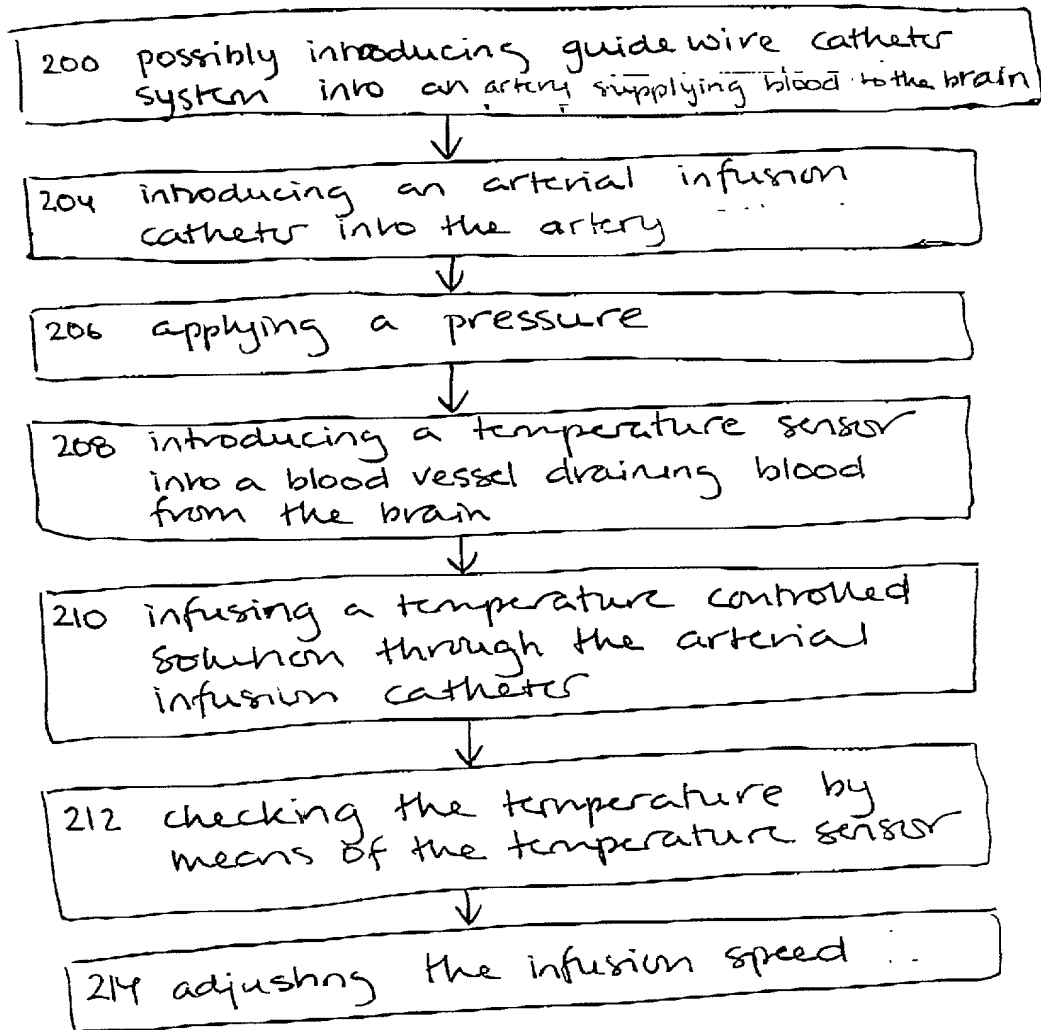


Fig. 3a

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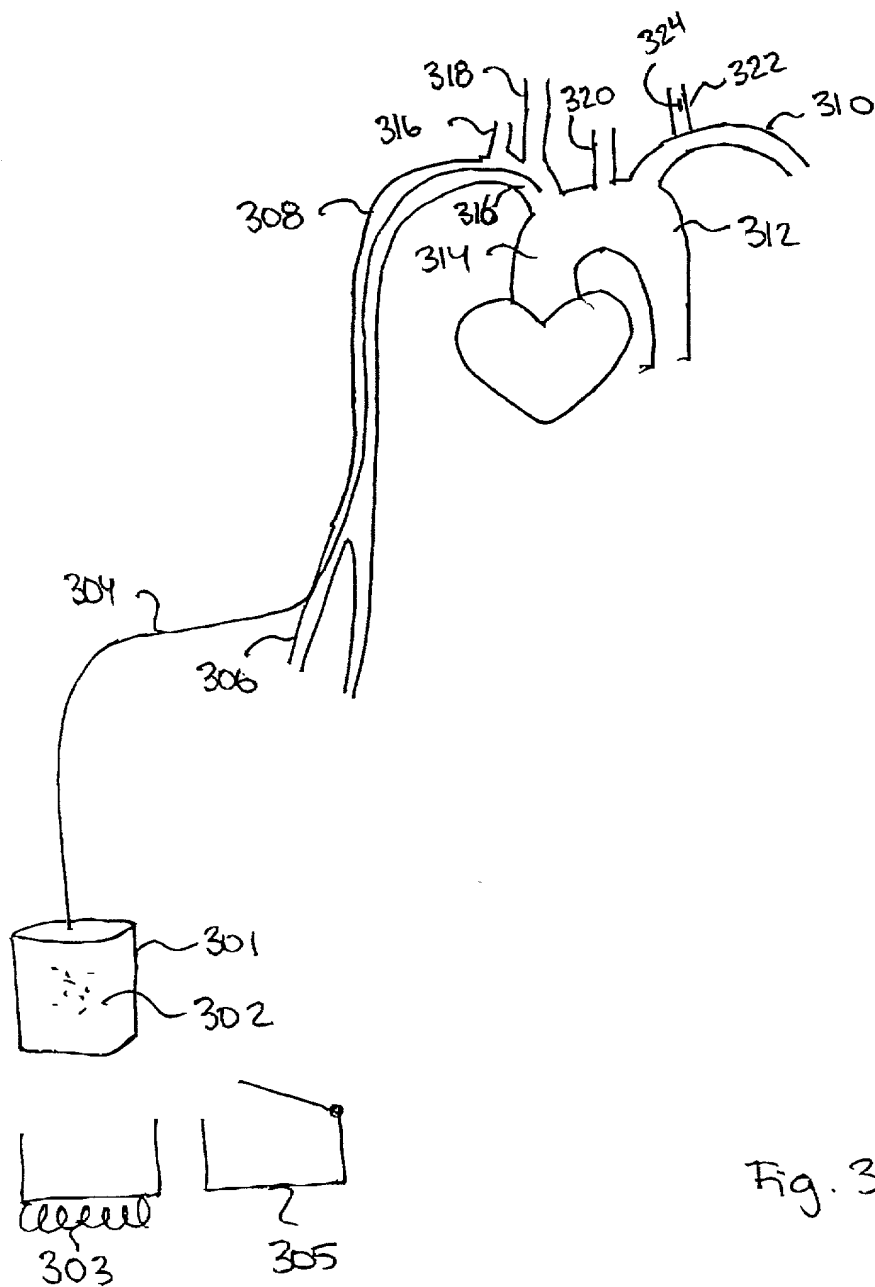


Fig. 3b

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300 Introducing, into a central vein or artery, an ^{blood} extraction catheter

308 connecting the ^{blood} extraction catheter to ~~vein~~ to a perfusion pump and to a heat exchanger in an extracorporeal blood circuit

314 connecting the extracorporeal circuit to the proximal end of an arterial infusion catheter inserted in a central artery

318 Regulating the blood in the extra-corporeal circuit to a predetermined temperature

314/318 Introducing temperature regulated blood into the arterial infusion catheter

318 circulation blood through the extra-corporeal circuit to enable the brain to be tempered to a predetermined temperature

Fig 4.

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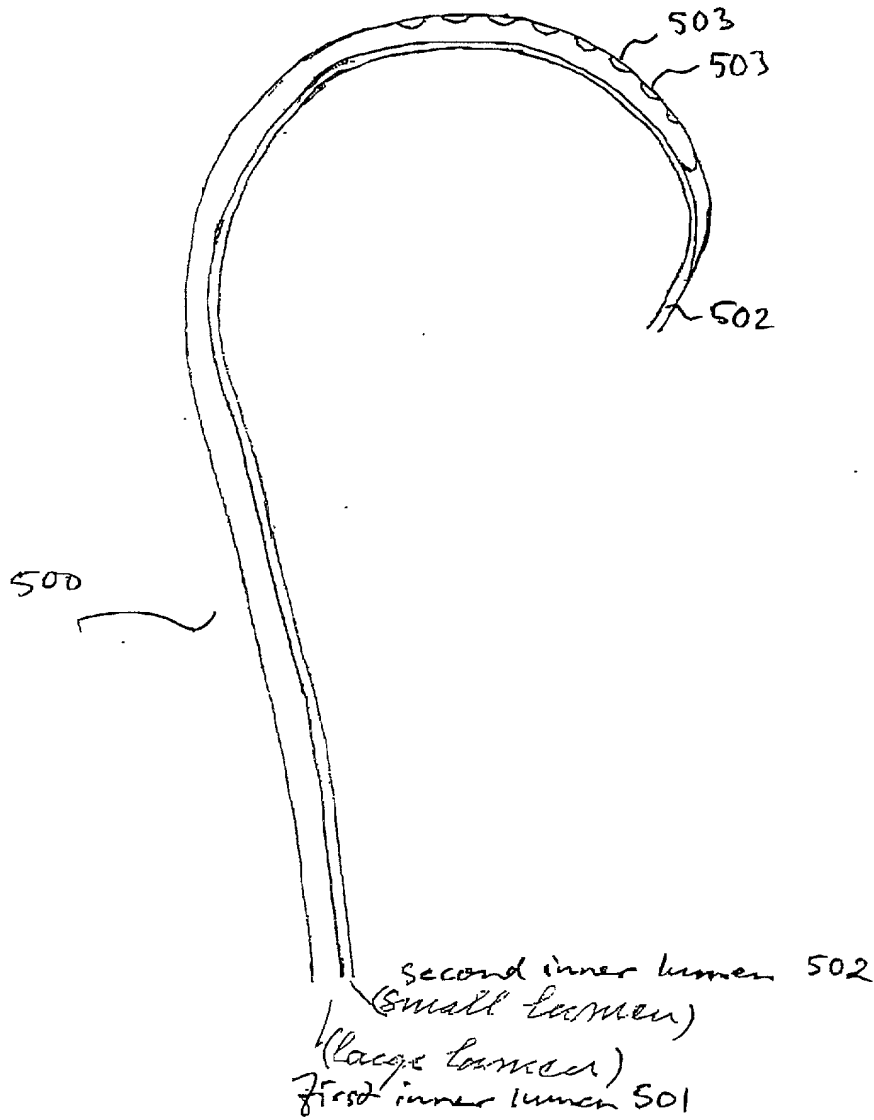
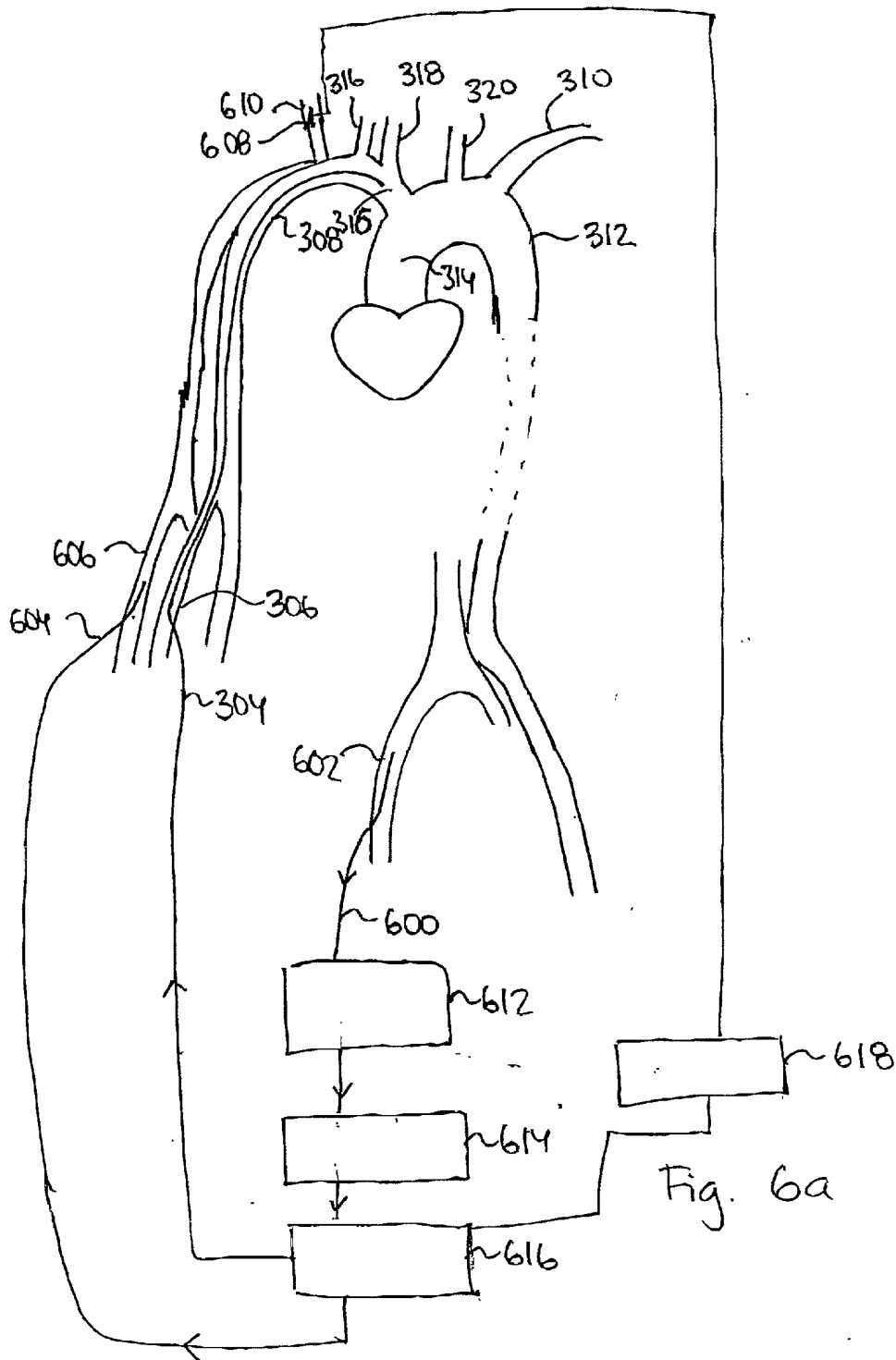


Fig 5

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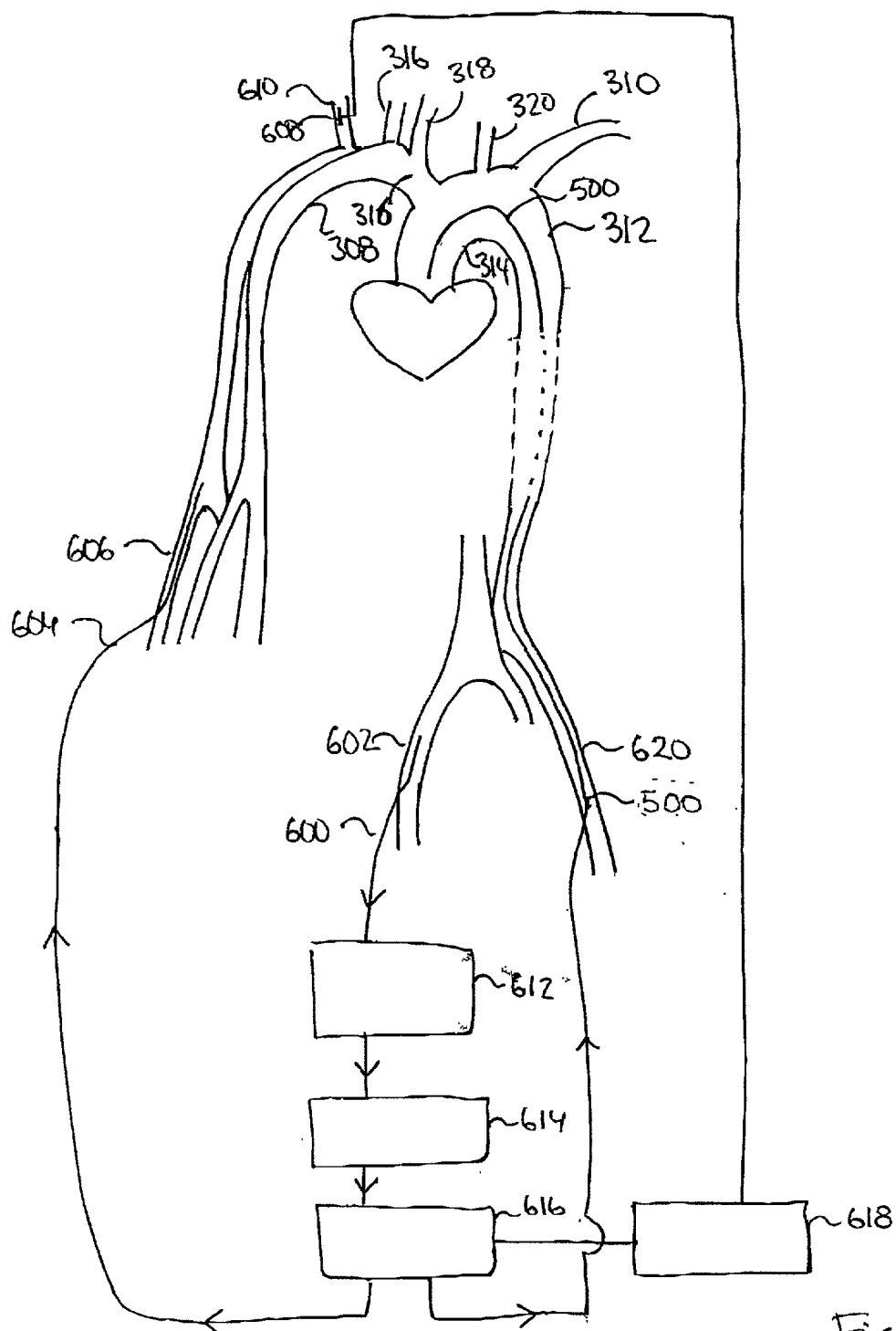


Fig. 6b

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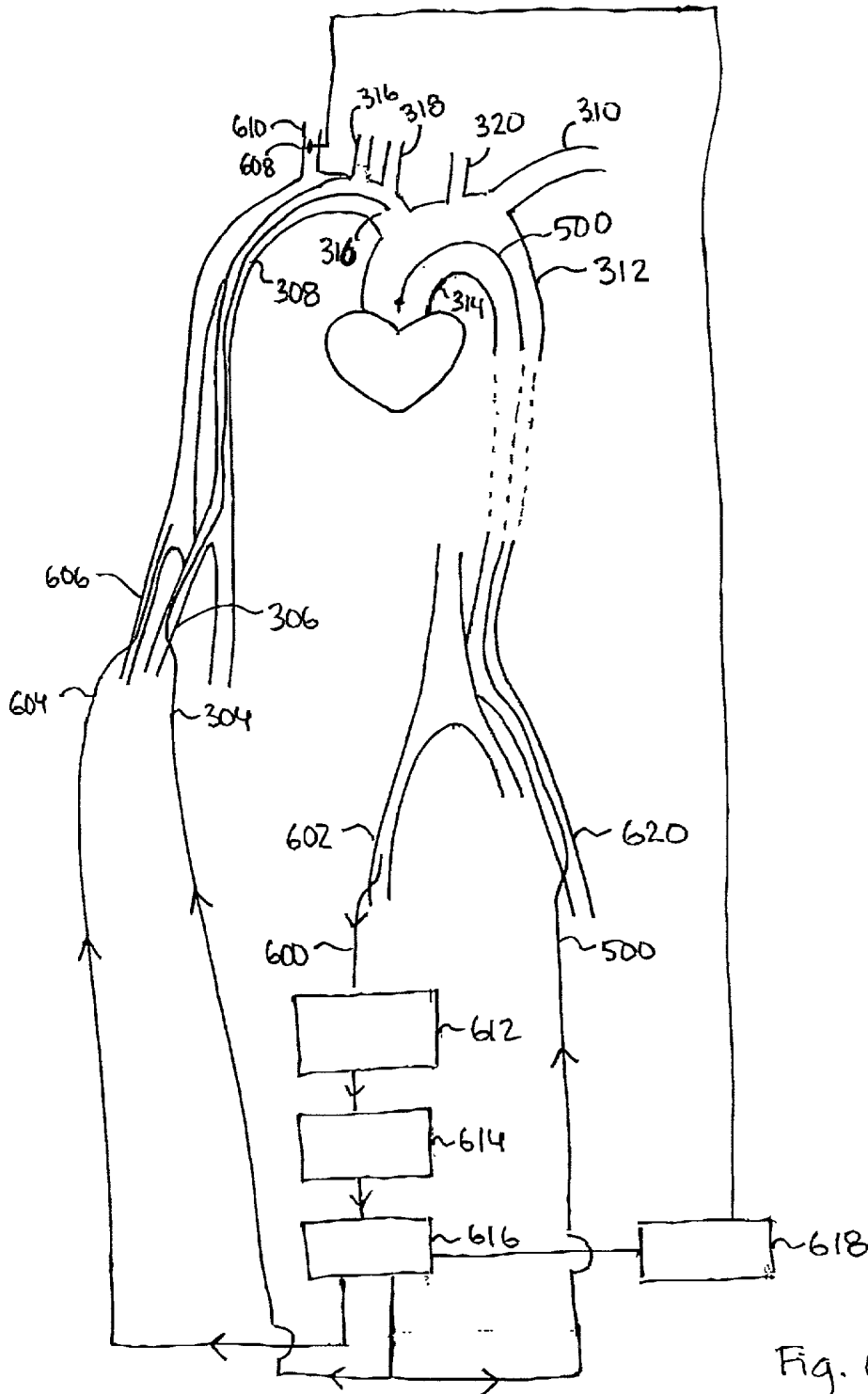


Fig. 6c

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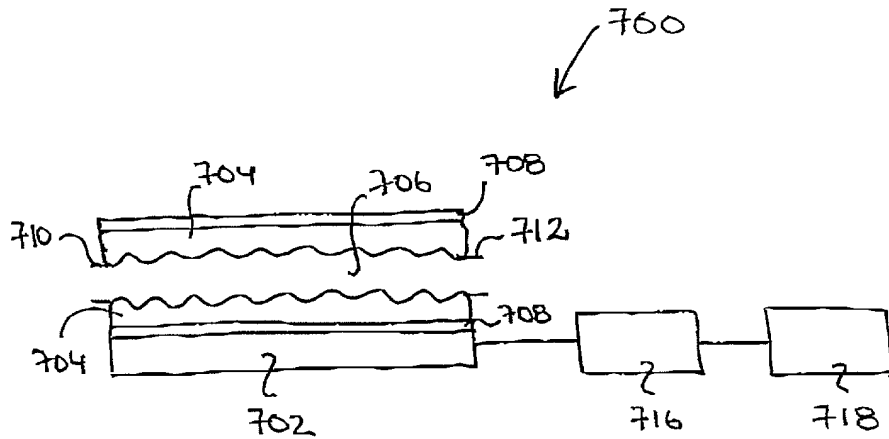


Fig. 7a

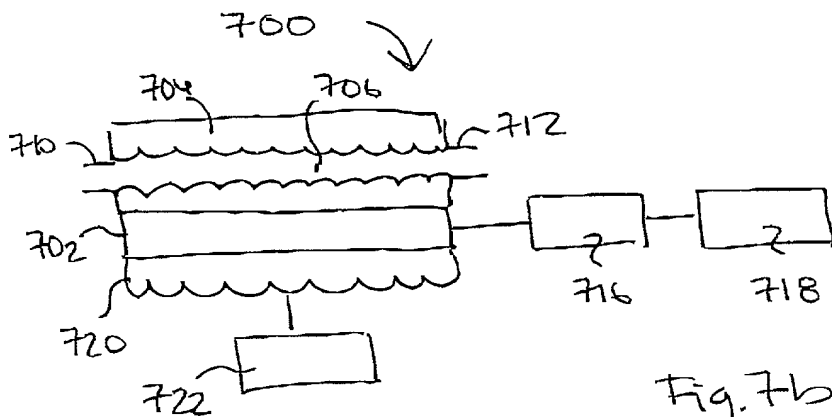


Fig. 7b

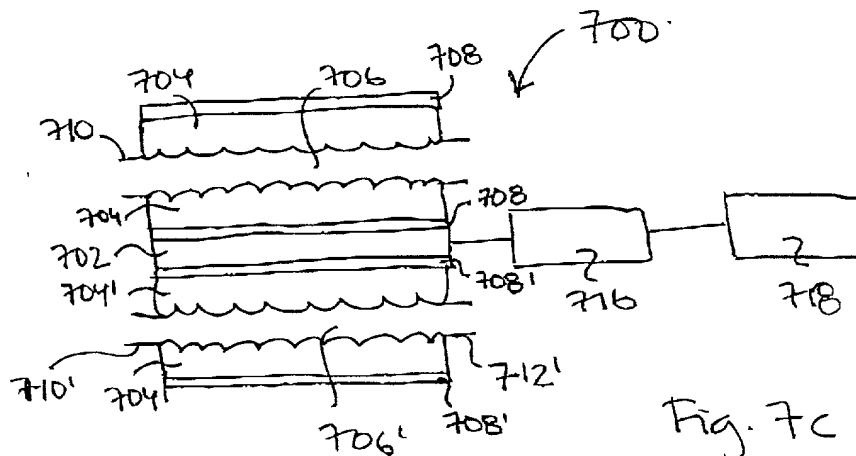


Fig. 7c

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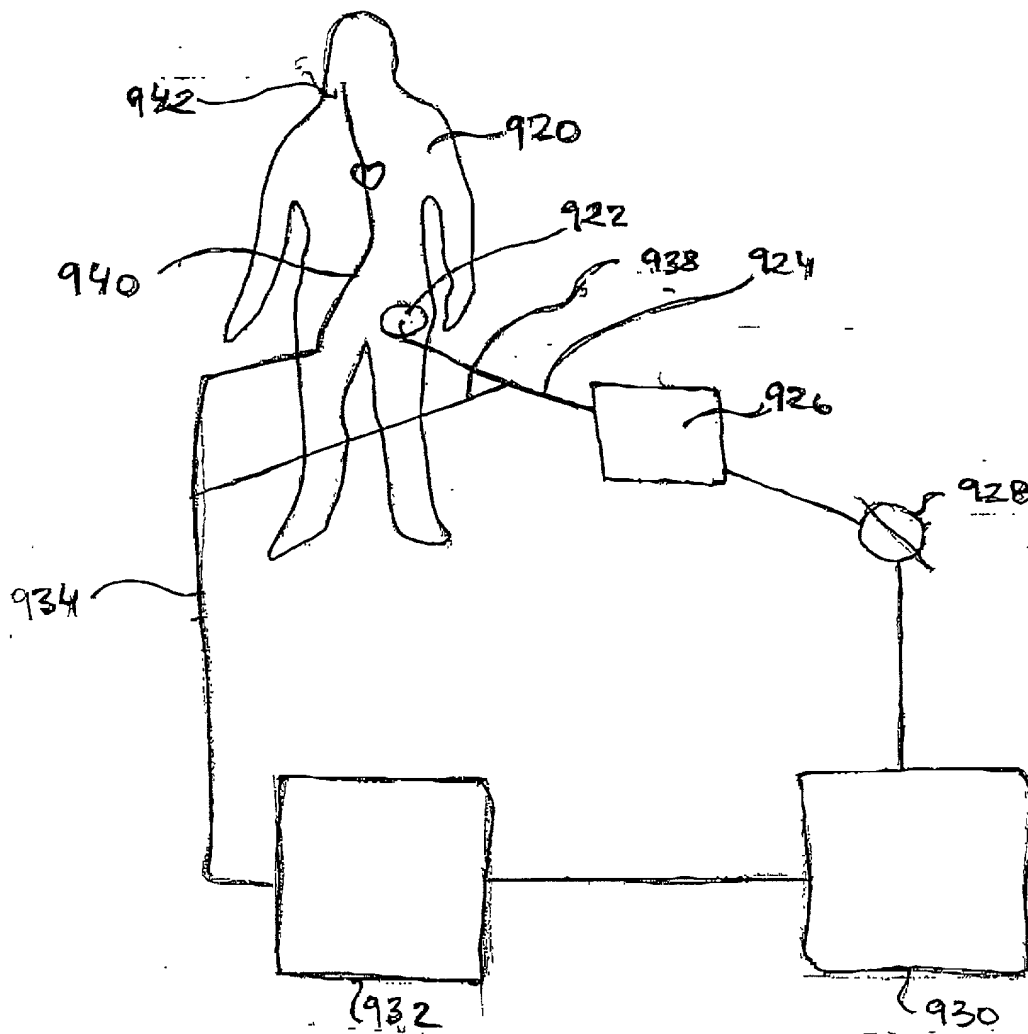


Fig. 8